

CLAIMS:

I claim:

1 1. A wobbling irrigation sprinkler head
2 comprising;
3 a base having an attachment portion for attaching
4 to a water source;
5 a nozzle mounted to said base for directing water
6 from said water supply therethrough;
7 a wobbling water deflector head movably attached
8 to said base and having a water deflector pad thereon
9 having a deflector surface of predetermined positioned
10 to deflect water being emitted from said nozzle to
11 rotate said wobbling water deflector head; and
12 a counterbalancing skirt extending from said
13 water deflecting head around a portion of base and
14 spaced from said base for rotation with said wobbling
15 water deflector head;
16 whereby said counterbalancing skirt
17 counterbalances said water deflector head to dampen
18 vibration forces in said deflector head.

1 2. The wobbling irrigation sprinkler head in
2 accordance with claim 1 in which said water deflecting
3 head has a loose fitting sleeve portion mounted over
4 a flange on said base to thereby allow a wobbling
5 rotation of said water deflecting head on said base.

1 3. The wobbling irrigation sprinkler head in
2 accordance with claim 2 in which said water deflecting
3 pad is supported on the end of at least one supporting
4 arm extending from said sleeve.

1 4. The wobbling irrigation sprinkler head in
2 accordance with claim 3 in which said water deflecting
3 pad is supported on the end of a plurality of
4 supporting arms extending from said sleeve.

1 5. The wobbling irrigation sprinkler head in
2 accordance with claim 3 in which counterbalancing
3 skirt is attached to said loose fitting sleeve and
4 extends therefrom around said base.

1 6. The wobbling irrigation sprinkler head in
2 accordance with claim 5 in which counterbalancing
3 skirt has a plurality of open areas therein.

1 7. The wobbling irrigation sprinkler head in
2 accordance with claim 6 in which said counterbalancing
3 skirt flares from said water deflector head adjacent
4 to and surrounding said base.

1 8. The wobbling irrigation sprinkler head in
2 accordance with claim 7 in which said counterbalancing
3 skirt is positioned for the balancing point wobbling
4 deflector head is between .15 and .5 inches below the
5 rotation point of said wobbling deflector head.

1 9. The wobbling irrigation sprinkler head in
2 accordance with claim 7 in which said counterbalancing
3 skirt is made of plastic.

1 10. The wobbling irrigation sprinkler head in
2 accordance with claim 7 in which said water deflector
3 head deflector pad surface has grooved channels
4 arcuately formed therein shaped to rotate said
5 deflector head.